

**Remarks**

The Office Action mailed June 17, 2004 has been carefully reviewed and the foregoing amendment has been made in consequence thereof.

Claims 1-19 are now pending in this application, of which claims 1, 6, 11 and 19 have been amended. It is respectfully submitted that the pending claims define allowable subject matter.

An information disclosure statement (IDS) was filed January 12, 2004 in the application. A courtesy copy of the IDS is attached hereto in the event that the IDS is not before the Examiner. In the next communication from the Office, Applicants request consideration of the IDS and a copy of the initialed form 1049 for Applicants' records.

The objection to claims 1-19 under 35 U.S.C. § 112 is respectfully traversed. Claims 1, 11 and 19 have been amended for clarity in response to the objection. Claims 2-10 and 12-18 are believed to satisfy Section 112 by virtue of the amendment to claims 1 and 11.

Claim 6 has been amended in accordance with the Examiner's suggestion in the Office Action.

Applicants accordingly request that the Section 112 objection to claims 1-19 be withdrawn.

The rejection of claims 1-5, 7-9, 11-15 and 17-18 under 35 U.S.C. § 102(b) as being anticipated by Orwoll (U.S. Patent No. 6,368,137) is respectfully traversed.

Orwoll describes a vertically actuated BGA socket (10) having two cam shafts (22) journaled or supported within a base (14) for rotational movement relative to the base. A plate (24) is supported on the base (14) and is flanked by the cam shafts (22). An integrated circuit or chip (52) is mounted to on the plate (24), and a top or actuator (38) is mounted to the base and is

shiftable between upper and lower positions relative to the base. When the top (38) is depressed toward the base (14), the cam shafts (22) are pivoted and apply a force to shift the plate (24) relative to the base (14) to engage the IC (52) to conductors (20) in the base.

It is clear that the cam shafts (24) of Orwoll are rotationally mounted to the base, and in contrast to the present invention do not slide relative the base or to the cover. Independent claims 1, 11, and 19 each recite a sliding cam assembly. Orwoll neither describes or suggests a sliding cam assembly, as opposed to the rotational cam shafts (22).

Claims 1, 11, and 19 are therefore submitted to be patentable over Orwoll.

The recitations of claims 2-5, 7-9, 12-15 and 17-18, when considered in combination with their respective base claims (i.e., claims 1 and 11) are likewise submitted to be patentable over Orwoll.

For the reasons set forth above, Applicants respectfully request that the Section 102 rejection of claims 1-5, 7-9, 11-15 and 17-18 be withdrawn.

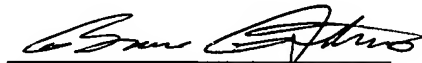
The objection to claims 6, 10 and 16 as being dependent upon rejected base claims is respectfully traversed. For the reasons set forth above, the base claims (i.e., claims 1 and 11) of claims 6, 10 and 16 are submitted to be patentable over the cited art. When the recitations of claims 6, 10 and 16 are considered in combination with the recitations of their base claims, claims 6, 10 and 16 are likewise submitted to be patentable over the cited art.

Express Mail Label No. EV504790002US

TYCO 18032 (AT 20958-2108)  
PATENT

In view of the foregoing amendments and remarks, all the claims now active in this application are believed to be in condition for allowance. Reconsideration and favorable action is respectfully solicited.

Respectfully Submitted,



Bruce T. Atkins  
Registration No. 43,476  
ARMSTRONG TEASDALE LLP  
One Metropolitan Square, Suite 2600  
St. Louis, Missouri 63102-2740  
(314) 621-5070